Abstract

An array configuration is provided for a multiple disk-arrays system containing at least one disk array. The array configuration comprises an array signature field, an array information, a disk information and a serial check sum

5   of each disk in the same disk array. The array configuration is stored at the last sector of each disk in the multiple disk-arrays system. The array signature field identifies a disk in the disk array or in a span array. The array information is used for recording at least one setting and at least one status of the disk array. The disk information is used for recording at least one information in each disk

10   of each disk array. The serial check sum of each disk in the same disk array is used to identify array status.